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TTL/"human embryo*": 3 patents.

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TTL/"human embryo*"

Pat. No.	Title
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- | | |
|----|--|
| 1. | <u>5,952,227 Human embryo</u> nic lung fibroblast diploid cell strain suitable for the production of virus and process for the production of varicella zoster virus using same |
| 2. | <u>5,837,543 Human embryo</u> co-culture system and uses thereof |
| 3. | <u>4,816,257 Method for producing an in vivo environment suitable for human embryo</u> transfer |

Search Summary

TTL/"human embryo*": 3 occurrences in 3 patents.

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United States Patent
Conway-Myers, et. al.

5,837,543
Nov. 17, 1998

Human embryo co-culture system and uses thereof

Abstract

The present invention provides a *human embryo* co-culture system comprising a suspension of cultured human tubal epithelial cells. Also provided is a method of method of improving the pregnancy rate of a female undergoing in vitro fertilization, comprising the steps of: contacting an oocyte from said female with a monolayer of cultured human tubal epithelial cells; inseminating the oocyte; and transferring an embryo back to said female.

Inventors: Conway-Myers; Barbara-Ann (Helena, AL); Steinkampf; Michael P. (Birmingham, AL).

Assignee: UAB Research Foundation (Birmingham, AL).

Appl. No.: 861,888

Filed: May 22, 1997

Related U.S. Application Data

Continuation-in-part of Ser No. 409,650, Mar. 24, 1995, abandoned.

Intl. Cl. : C12N 5/00, A61B 17/435, A61D 7/00

Current U.S. Cl.: 435/373; 435/366; 435/378; 435/404; 435/406; 600/33; 600/34

Field of Search: 435/366, 373, 378, 404, 406; 600/33, 34

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435/373

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Hycor Scientific --Manufacturer's Brochure, 1994.

Primary Examiner: Lankford, Jr.; Leon B.

Assistant Examiner: Tate; Christopher R.

Attorney, Agent or Firm: Adler; Benjamin Aaron

12 Claims, 4 Drawing Figures



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United States Patent

4,816,257

Buster, et. al.

Mar. 28, 1989

Method for producing an in vivo environment suitable for *human embryo* transfer

Abstract

A method for producing, in a functionally agonadal human female body, an environment suitable for the implantation, nutrition, and development of an embryo, comprising the placement of at least one carrier containing at least one releasable steroid hormone into the vagina of the human female.

Inventors: **Buster; John E.** (Rancho Palos Verdes, CA); **Simon; James A.** (Norfolk, VA).

Assignee: **Research & Education Institute, Harbor-UCLA Medical Center Inc.** (Torrance, CA).

Appl. No.: **92,069**

Filed: **Sept. 2, 1987**

Related U.S. Application Data

Continuation of (including streamline cont.) Ser. No. 778,559, Sept. 20, 1985, abandoned.

Intl. Cl. :
A61K 9/00, A61K 31/56
Current U.S. Cl.:
**424/430; 424/431; 424/432; 514/170; 514/899;
514/967; 600/33; 600/34; 604/890.1**
Field of Search:
**424/430-433; 514/899, 967, 170; 128/130;
604/890**

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Primary Examiner: Griffin; Ronald W.

Attorney, Agent or Firm: Drucker & Sommers

18 Claims, 2 Drawing Figures



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